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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/672,870	09/29/2003	Ben M. Hsia	USP2178A-MTS	4626
30265	7590	01/11/2006	EXAMINER	
RAYMOND Y. CHAN 108 N. YNEZ AVE., SUITE 128 MONTEREY PARK, CA 91754			ENSEY, BRIAN	
			ART UNIT	PAPER NUMBER
			2646	

DATE MAILED: 01/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/672,870	Applicant(s) HSIA, BEN M.	
	Examiner Brian Ensey	Art Unit 2646	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 September 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: See Fig 2, item 113. Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: See item 13 on page 6, lines 10, 11, 17, etc.. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the

examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 2, 3 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Walker U.S. Patent No. 3,848,090 in view of Chua et al. U.S. Patent Application Publication 2004/0091124.

Regarding claim 1, Walker discloses a wall hanged audio arrangement for mounting on a wall surface to communicatively connect with a video device, wherein the wall hanged audio arrangement comprises: an artistic casing (12) having a front artistic surface (10), a rear wall installing surface (36), a side peripheral surface (32), and an operation cavity (14 and 16) defining within said front artistic surface, said rear wall installing surface, and said side peripheral surface, wherein a size of each of said front artistic surface and said rear wall installing surface is larger than a width of said side peripheral surface to form a slim structure of said artistic casing; means for mounting said rear wall installing surface of said artistic casing on said wall surface (44); and an audio device (40), which is received in said operation cavity (See Figs. 1-4 and col. 2, lines 49-66, col. 3, lines 32-65, col. 4, lines 23-46 and col. 4, lines 27-33).

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Walker does not expressly disclose an audio device, which is received in said operation cavity, comprising an audio unit and an audio outlet which is provided on said side peripheral surface of said artistic casing and is electrically connected to said audio unit for communicating with said video device. However, Chua teaches an audio device (112), which is received in said operation cavity, comprising an audio unit (MP3 player, but may be an audio player module, AM/FM tuner, wireless transmitter, wireless receiver or a combination etc. see paragraph 0008) and an audio outlet (30) which is provided on said side peripheral surface of said artistic casing and is electrically connected to said audio unit for communicating with an external device (ie video) (See Figs. 1-7 and paragraphs 0002, 0004, 0006-0011 and 0026-0028). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to utilize the audio device of Chua in the wall mounted case of Walker for easier connectivity, uniform shape (See Chau abstract) and a decorative, relatively thin silhouette sound system (See Walker col. 1, lines 20-26).

Regarding claim 2, the combination of Walker in view of Chau further discloses said artistic casing has a length defining as said size of each of said front artistic surface and said rear wall installing surface substantially greater than a depth defining as said width of said side peripheral surface so that said artistic casing forms a slim structure for minimizing a distance between said front artistic surface of said artistic casing and said wall surface (See Walker figs. 1 and 2 and col. 4, lines 42-45).

Regarding claim 3, the combination of Walker in view of Chau does not expressly disclose said wall mounting means comprises a plurality of wall attaching arms spacedly and outwardly extended from said side peripheral surface of said artistic casing for securely

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mounting said rear wall installing surface of said artistic casing on said wall surface. However, the combination of Walker in view of Chau does not limit the method of attachment of the casing to the wall (See col. 5, lines 27-33). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to utilize any non-visible means to mount the casing to the wall which is hidden from view for aesthetic appearances.

Regarding claim 7, the combination of Walker in view of Chau further discloses said audio device further comprises an audio generator (44) which is received in said operation cavity of said artistic casing and electrically connected with an audio unit for sound generation (Inherent for operation of the audio generator) through said front artistic surface of said artistic casing (See fig. 2 and col. 2, lines 49-67).

Claims 4-6 and 8-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Walker in view of Chau as applied to claim 1 above, and further in view of Vaudrey et al. U.S. Patent No. 6,311,155.

Regarding claims 4-6, the combination of Walker in view of Chau does not expressly disclose said audio unit has an inserting slot formed on said side peripheral surface to communicate with said operation cavity and comprises a signal reader received in said operation cavity of said artistic casing for reading a predetermined kind of audio and video signal from an external data medium inserting into said operation cavity through said inserting slot. However, the combination of Walker in view of Chau does not limit the type of audio unit combined with the audio generator. The combination of Walker in view of Chau teach a combination of device may be used including an MP3 player, an audio player module, AM/FM tuner, wireless transmitter, wireless receiver or a combination etc. (see paragraph 0008). Vaudrey teaches the

use of a wireless remote DVD player to wirelessly deliver audio and video to a television or home theater (See col. 18, lines 55-61). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include a wireless DVD device which inherently comprises a signal reader for reading a predetermined kind of audio and video signal from an external data medium inserted into said DVD among the combination of devices taught by the combination of Walker in view of Chau with the DVD insertion slot hidden on a peripheral side of said operation cavity for insertion of an external data medium into said operation cavity through said inserting slot for a decorative, relatively thin silhouette sound system (See Walker col. 1, lines 20-26).

Regarding claims 8 and 9, the combination of Walker in view of Chau in further view of Vaudrey further discloses said audio device further comprises an audio generator (44) which is received in said operation cavity of said artistic casing and electrically connected with an audio unit for sound generation (Inherent for operation of the audio generator) through said front artistic surface of said artistic casing (See fig. 2 and col. 2, lines 49-67).

Regarding claims 10 and 11, the combination of Walker in view of Chau in further view of Vaudrey further discloses a wireless communication device (wireless DVD) connected with said audio device for wirelessly connecting with said video device, wherein said wireless communication device comprises an audio signal transmitter provided at said audio outlet to transmit an audio signal from said audio unit and an audio signal receiver, which is adapted for operatively connecting to said video device, wirelessly communicating with said audio signal transmitter to receive said audio signal therefrom in a wireless manner for wirelessly communicating said audio device with said video device (See fig. 2 and col. 2, lines 49-67).

Regarding claims 12 and 13, the combination of Walker in view of Chau in further view of Vaudrey further discloses said audio signal transmitter comprises, a radio frequency transmitting device adapted to send and receive said audio signal in form of radio frequency, wherein said radio frequency transmitting device functions as a wireless communication link between said audio signal receiver and said audio unit for wirelessly communicating said audio device with said video device (See fig. 2 and col. 2, lines 49-67 and col. 8, lines 15-21).

Regarding claims 14-17, the combination of Walker in view of Chau in further view of Vaudrey further discloses said audio signal receiver is a wireless signal receiving device adapted to wirelessly receive said audio signal in form of radio frequency from said audio signal transmitter (See fig. 2 and col. 2, lines 49-67 and col. 8, lines 15-21). The combination of Walker in view of Chau in further view of Vaudrey does not expressly disclose said audio signal receiver is automatically or manually tuned to match with said radio frequency of said audio signal transmitter to wirelessly communicate with said audio unit. However, both automatic and manual tuning of receivers and transmitters is well known in the art and it would have been obvious to one of ordinary skill in the art at the time of the invention to provide both methods for versatility and ease of use.

Regarding claims 18 and 19, the combination of Walker in view of Chau in further view of Vaudrey further discloses said audio signal transmitter comprises an infrared transmitting device adapted to send and receive said audio signal in form of infrared signal, wherein said audio signal transmitter functions as a wireless communication link between said audio signal receiver and said audio unit for wirelessly communicating said audio device with said video device (See fig. 2 and col. 2, lines 49-67 and col. 8, lines 15-21).

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Regarding claims 20-23, the combination of Walker in view of Chau in further view of Vaudrey further discloses said audio signal receiver is a wireless signal receiving device adapted to wirelessly receive said audio signal in form of infrared signal from said audio signal transmitter (See fig. 2 and col. 2, lines 49-67 and col. 8, lines 15-21). The combination of Walker in view of Chau in further view of Vaudrey does not expressly disclose wherein said audio signal receiver is automatically or manually programmed to match with said infrared signal of said audio signal transmitter to wirelessly communicate with said audio unit. However, both automatic and manual tuning of receivers and transmitters is well known in the art and it would have been obvious to one of ordinary skill in the art at the time of the invention to provide both methods for versatility and ease of use.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian Ensey whose telephone number is 571-272-7496. The examiner can normally be reached on Monday - Friday 6:30 AM - 3:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh Tran can be reached on 571-272-7564. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Any response to this action should be mailed to:

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BKE
December 28, 2005


SINH TRAN
SUPERVISORY PATENT EXAMINER